

Section II
Soil and Site Information

Sanitary Facilities Table 1
Aurora County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
AaA: Alwilda-----	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Ar: Arlo-----	85	Very limited Flooding Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 1.00 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
BaA: Beadle-----	85	Very limited Restricted permeability	1.00	Not limited	
BaB: Beadle-----	85	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.68
BdA: Beadle-----	45	Very limited Restricted permeability	1.00	Not limited	
Dudley-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
BeE: Betts-----	55	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 0.50
Ethan-----	25	Very limited Slope Restricted permeability	1.00 0.68	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
BnA: Blendon-----	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
BnB: Blendon-----	85	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.68
Bo: Bon-----	85	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
Bx: Bon-----	85	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
Ca: Clamo-----	85	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
CbB: Clarno-----	85	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
CeC: Clarno-----	50	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ethan-----	30	Somewhat limited Restricted permeability	0.68	Very limited Slope Seepage	1.00 0.50
CpA: Clarno-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Prosper-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
DaA: Degrey-----	50	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Jerauld-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
DeA: Degrey-----	50	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Onita-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
DmA: Delmont-----	50	Very limited Filtering capacity	1.00	Very limited Seepage	1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Enet-----	30	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00
DmB: Delmont-----	55	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
Enet-----	25	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage Slope	1.00 0.32
DnC: Delmont-----	55	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00
Talmo-----	25	Very limited Filtering capacity Slope	1.00 0.63	Very limited Slope Seepage	1.00 1.00
Do: Dimo-----	85	Very limited Flooding Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 1.00 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
DsA: Dudley-----	50	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Jerauld-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Du: Durrstein-----	85	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
EdA: Eakin-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Degrey-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
EeB: Eakin-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
Ethan-----	30	Somewhat limited Restricted permeability	0.68	Somewhat limited Seepage Slope	0.50 0.32
EnA: Enet-----	85	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
EtD: Ethan-----	45	Somewhat limited		Very limited	
		Restricted permeability	0.68	Slope	1.00
Betts-----	35	Slope	0.63	Seepage	0.50
		Very limited		Very limited	
HbA: Highmore-----	50	Restricted permeability	1.00	Slope	1.00
		Slope	0.63	Seepage	0.50
Onita-----	30	Very limited		Somewhat limited	
		Restricted permeability	1.00	Depth to	
HdA: Houdek-----	50	Depth to saturated zone	0.94	saturated zone	0.39
		Very limited		Somewhat limited	
Dudley-----	30	Restricted permeability	1.00	Seepage	0.50
		Depth to saturated zone	0.94	Depth to	
HdB: Houdek-----	50	Depth to saturated zone	0.94	saturated zone	0.39
		Very limited		Somewhat limited	
Dudley-----	30	Restricted permeability	1.00	Slope	0.68
		Depth to saturated zone	0.94	Seepage	0.50
Dudley-----	30	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
Dudley-----	30	Depth to saturated zone	0.94	Depth to	
		Depth to saturated zone	0.94	saturated zone	0.39

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
HeB: Houdek-----	55	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
				Slope	0.32
Ethan-----	25	Somewhat limited Restricted permeability	0.68	Somewhat limited Seepage	0.50
				Slope	0.32
HeC: Houdek-----	50	Very limited Restricted permeability	1.00	Very limited Slope	1.00
				Seepage	0.50
Ethan-----	30	Somewhat limited Restricted permeability	0.68	Very limited Slope	1.00
				Seepage	0.50
HhA: Houdek-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Hoven-----	30	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
HhB: Houdek-----	60	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
				Slope	0.32
Hoven-----	20	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
HoB: Houdek-----	60	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
				Slope	0.32
Plankinton-----	20	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
HpA: Houdek-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Prosper-----	30	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
Hv: Hoven-----	85	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
Hw: Hoven-----	45	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
Plankinton-----	35	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
La: Lane-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
M-W: Miscellaneous Water-	100	Not rated		Not rated	
MaA: Millboro Variant----	85	Very limited Restricted permeability Depth to bedrock	1.00 0.78	Somewhat limited Depth to soft bedrock	0.42
MaB: Millboro Variant----	85	Very limited Restricted permeability Depth to bedrock	1.00 0.78	Somewhat limited Depth to soft bedrock Slope	0.42 0.32
Oa: Onita-----	85	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Or: Orthents, Loamy-----	80	Not rated		Not rated	
Orthents, Shaly-----	20	Not rated		Not rated	
Pg: Orthents, Gravelly--	100	Very limited Filtering capacity Slope	1.00 1.00	Very limited Seepage Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Pt: Plankinton-----	55	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
Prosper-----	25	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
TaC: Talmo-----	100	Very limited Filtering capacity Slope	1.00 0.04	Very limited Seepage Slope	1.00 1.00
TdE: Talmo-----	55	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage	1.00 1.00
Delmont-----	25	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage	1.00 1.00
Te: Tetonka-----	85	Very limited Restricted permeability Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
W: Water-----	100	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Wo: Worthing-----	85	Very limited Restricted permeability Ponding Depth to saturated zone	 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	 1.00 1.00
Wp: Worthing-----	85	Very limited Restricted permeability Ponding Depth to saturated zone	 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	 1.00 1.00

